

Analyte	Station ID				GKMSO003
	Sample ID				GKMSO003_091115
	Sample Date				9/11/2015
	Sample time				15:42
	Latitude				(b) (6)
	Longitude				
					Sub Location
					Background Soil
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	13000
Antimony	7440-36-0	mg/kg		1300	0.13 J-
Arsenic	7440-38-2	mg/kg		4200	16
Barium	7440-39-3	mg/kg		670000	130 J+
Beryllium	7440-41-7	mg/kg		6700	1
Cadmium	7440-43-9	mg/kg		1700	4.4
Calcium	7440-70-2	mg/kg			3200
Chromium	7440-47-3	mg/kg		4300000	16
Cobalt	7440-48-4	mg/kg		1000	12
Copper	7440-50-8	mg/kg		130000	230
Iron	7439-89-6	mg/kg		2300000	27000
Lead	7439-92-1	mg/kg		20000	880
Magnesium	7439-95-4	mg/kg			5900
Manganese	7439-96-5	mg/kg		160000	3000
Mercury	7439-97-6	mg/kg		1000	0.09
Molybdenum	7439-98-7	mg/kg		17000	3.9 J
Nickel	7440-02-0	mg/kg		67000	14
Potassium	7440-09-7	mg/kg			2600
Selenium	7782-49-2	mg/kg		17000	0.44 J
Silver	7440-22-4	mg/kg		17000	3.9
Sodium	7440-23-5	mg/kg			83 J
Thallium	7440-28-0	mg/kg		33	0.24
Vanadium	7440-62-2	mg/kg		17000	29
Zinc	7440-66-6	mg/kg		1000000	880

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* = The result exceeds maximum contaminant level

mg/kg - Parts per million (milligrams per kilogram). Liquids equivalent = mg/L.

Highlighted Yellow: indicates result exceeded Screening Value

Analyte	Station ID				GKMSO004
	Sample ID				GKMSO004_091115
	Sample Date				9/11/2015
	Sample time				16:00
	Latitude				(b) (6)
	Longitude				
					Sub Location
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	15000
Antimony	7440-36-0	mg/kg		1300	0.03 J-
Arsenic	7440-38-2	mg/kg		4200	4.7
Barium	7440-39-3	mg/kg		670000	140 J+
Beryllium	7440-41-7	mg/kg		6700	0.91
Cadmium	7440-43-9	mg/kg		1700	0.77
Calcium	7440-70-2	mg/kg			8500
Chromium	7440-47-3	mg/kg		4300000	24
Cobalt	7440-48-4	mg/kg		1000	8.5
Copper	7440-50-8	mg/kg		130000	30
Iron	7439-89-6	mg/kg		2300000	20000
Lead	7439-92-1	mg/kg		20000	72
Magnesium	7439-95-4	mg/kg			9500
Manganese	7439-96-5	mg/kg		160000	750
Mercury	7439-97-6	mg/kg		1000	0.015 J
Molybdenum	7439-98-7	mg/kg		17000	0.95 J
Nickel	7440-02-0	mg/kg		67000	19
Potassium	7440-09-7	mg/kg			3200
Selenium	7782-49-2	mg/kg		17000	0.2 J
Silver	7440-22-4	mg/kg		17000	0.34
Sodium	7440-23-5	mg/kg			77 J
Thallium	7440-28-0	mg/kg		33	0.15
Vanadium	7440-62-2	mg/kg		17000	27
Zinc	7440-66-6	mg/kg		1000000	170

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